Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

THE NEW ERA PRINTING COMPANY

LANCASTER, PA.

Is prepared to execute in first-class and satisfactory manner all kinds of printing and electrotyping. Particular attention given to the work of Schools, Colleges, Universities, and Public Institutions.

Books, Periodicals

Technical and Scientific Publications

Monographs, Theses, Catalogues

Announcements, Reports, etc.

All Kinds of Commercial Work

(*Printers of the Bulletin and Transactions of the American Mathematical Society, etc., etc.*)

Publishers will find our product ranking with the best in workmanship and material, at satisfactory prices. Our imprint may be found on a number of high-class Technical and Scientific Books and Periodicals. Correspondence solicited. Estimates furnished.

THE NEW ERA PRINTING COMPANY

"SWAN SAFETY" INKSIGHT FOUNTPEN

You would not think of buying a boiler without a water glass.

"THE LITTLE WINDOWS"

in the Swan Fountain Pen are as necessary and convenient as a water gauge on a boiler and answer the same purpose. Have your ink always in sight and know how much is in the pen. They are guaranted not to break or leak.

No Sweating. No Leaking

The "Swan Safety Inksight" Pen can be carried in any position without fear of leaking.

Priced from $3.00 to $9.00

From Stationers and Jewelers

MABIE, TODD & CO.

17 Maiden Lane, New York

209 South State Street, Chicago

London **Toronto** **Paris** **Brussels**

THE MATHEMATICS TEACHER

EDITED BY

W. H. METZLER

ASSOCIATED WITH

EUGENE RANDOLPH SMITH
GEORGE G. CHAMBERS
HARRY D. GAYLORD
WILLIAM E. BRECKENRIDGE

Vol. VIII

September, 1915—June, 1916

THE MATHEMATICS TEACHER
SYRACUSE, N. Y.

PRESS OF
THE NEW ERA PRINTING COMPANY
LANCASTER, PA.

INDEX.

Articles marked (e) are editorials.

A

Aid to General Logical Power, The Study of Mathematics as an ... 79
Arithmetic Eighth Grade Work, A Practical Scheme for Reviewing of Important Processes in 92
Authors—
Auerback, Matilda 145
Breckenridge, William 151
Bowden, Joseph 89
Bragdon, C. S. 183
Dow, E. M. 55
Griswold, Clifford S. 16
Grove, C. C. 176
Holbrook, Laura 92
Hopkins, G. I. 21
Huntington, Edward V. 173
Koch, Ernest H., Jr. 116
McCormick, Thomas H. 116
Passano, Leonard M. 79
Pitcher, Arthur D. 1
Rogers, C. E. 95
Shenton, Walter Francis 124
Smith, David Eugene 115
Smith, Eugene Randolph 132
Snell, C. A. 73
Swift, Elijah 94
Average Students, Geometric Stereograms—A Device for Making Solid Geometry Tangible to the 124

B

Bibliography, Report of Committee of 31
Bearings, Getting Our (e) 113

C

Calculus, Round Table on the Teaching of 65

D

Decagons and Pentagons, Inscribing Regular 89
Definitions of a Limit, Right and Wrong 173

E

Editorial 113
Elementary Algebra, Specimen Examinations in 145

F

Factoring, Teaching of 55
Fractions, Decomposition into Partial 132

G

General Logical Power, The Study of Mathematics as an Aid to ... 79
Geometric Stereograms—A Device for Making Solid Geometry Tangible to the Average Student 124
Geometry, Some Class Room Experiences in Teaching 21

H

High Schools, Arithmetic in 115
High School, Mathematic Clubs in the 73
High Schools, Mathematics Relays for 116
High School Physics, Mathematical Preparation Desired for 16

I

Important Processes in Arithmetic Eighth Grade Work, A Scheme for Reviewing 92

L

Limit, Right and Wrong Definitions of 173

M

Mathematics, Judging a Teacher of 151
Mathematics and Psychology 176

N

New Books 59, 104, 160, 218
Notes and News 63, 108, 165, 222

P

Pentagons and Decagons, Inscribing Regular 89
Partial Fractions, Decomposition into 132
Psychology, Mathematics and 176

R

Report of Committee of Bibliography 31
Report of Committee of New England Association of Teachers of Mathematics on Secondary School Mathematics, April, 1916 191

S

Secondary Schools, The Reorganization of the Mathematical Curriculum in 1

T

Teacher of Mathematics, Judging a 151
Term Cancel, On the Use of the 94
Test Questions, A Study of Reliability of 95
Teaching Geometry, Some Class Room Experiences in 21
"Teachers' Marks" 183